

Daily Lesson Plan (DLP)

Topic: Research species of plants that can be grown in your zone		Day :1
Grade: 4-5	Lesson Name: Research species of plants that can be grown in your zone	Time : (60 Mins.)

Topic	Detailed outline of each plant variety.
Weekly key words	Squash family, potatoes, legumes, nightshade, etc.
Seating plan	<input type="checkbox"/> Individual <input type="checkbox"/> Pairs <input type="checkbox"/> Group of 4
Skill development	<input checked="" type="checkbox"/> Reading <input checked="" type="checkbox"/> Writing <input checked="" type="checkbox"/> Discussion <input type="checkbox"/> Presentation <input type="checkbox"/> Reflection <input type="checkbox"/> Illustration <input type="checkbox"/> Collaboration <input type="checkbox"/> Observation <input type="checkbox"/> Research <input type="checkbox"/> Other (Specify)

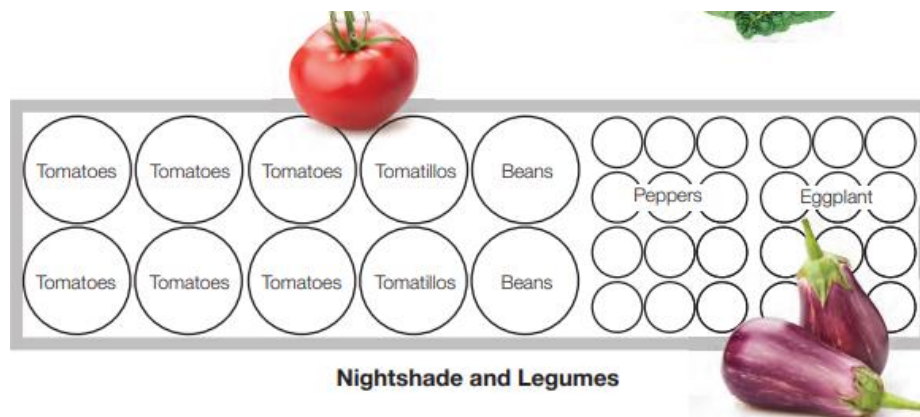
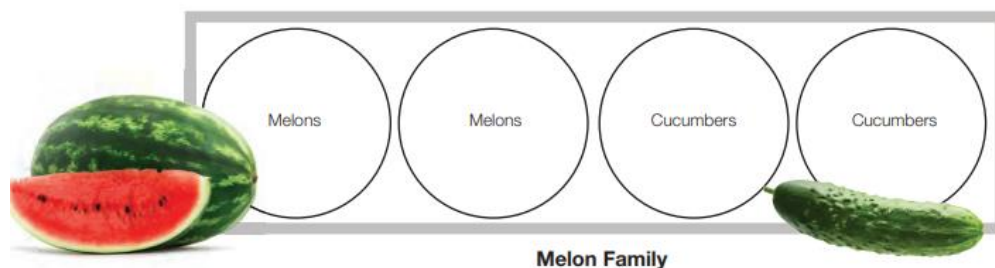
Objectives: ➤ The students will be able to:	➤ Learn about the shortest growing cycle of varieties of each plant family
Teaching Resources:	Multimedia/projector, laptop, YouTube, writing board, notebook, piece of paper, pen/pencil, worksheet

Teaching Learning Strategies

Introduction: 5 mins.

Start the lesson by asking students to recall and share the plant families with the classroom. Gather their responses and give feedback.

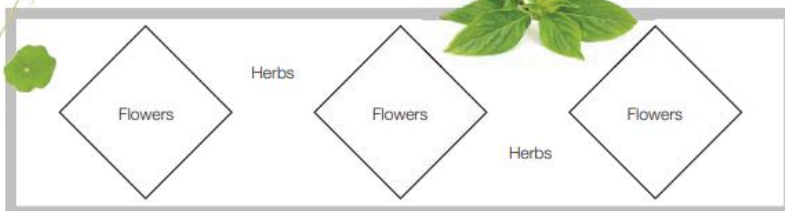
Methodology: (20 mins.) Discuss all the families in detail with examples.



Lettuce	Arugula	Kale	Collards	Broccoli	Onions	Peas	Peas
Lettuce	Spinach	Kale	Chard	Cauliflower	Garlic	Fava	Fava

Radish	Carrots	Beets	Parsnips	Turnips	Potatoes or other Tubers	Potatoes or other Tubers	Potatoes or other Tubers
Radish	Carrots	Beets	Celeriac	Rutabaga	Potatoes or other Tubers	Potatoes or other Tubers	

Root Vegetables and Tubers



Pollinator and Herb Plot



Activity: (30 mins.) (Group Work)

Make groups of 7-8 students.

1. Loosely fill the 4-cell tray with potting soil, almost up to the top. 2. Pour a few seeds into the learner's hand. Have them place one seed into each cell. 3. Cover seed loosely with more potting soil, about $\frac{1}{4}$ ". Seeds should be planted as deep as the diameter of the seed. 4. Label the plant tag with the learner's name and classroom number on one side and the plant variety on the other. Place the tag in the 4-pack. 5. Place the planted container into a large plant tray. Make sure to group "warm seeds" and "cool seeds" together in separate trays. 6. When each group has finished, have them write down the date and type of seed they planted in their garden journals, so that they can note the number of days until germination. 7. If time permits, follow up with the Seeds We Eat on page 34. 8. Introduce the dome to the learners. Ask if they know what it is for.

Wrap up (5mins.): Wind up the lesson by asking the students randomly to share their findings.

Home Assessment:

The students will do the worksheet as homework.

Worksheet (Day1)

Lesson Evaluation:

- Teacher was able to accomplish all aspects of the lesson well ☐
- Teacher was not able to do warm up activity ☐,
- develop lesson plan well ☐,
- do the learning activity ☐,
- do wrap up ☐,
- accomplish lesson objective ☐,

- manage time well ☐,
- manage class well ☐

Worksheet Day 1

Name: _____

Class: _____

Topic: Gardening

Subject: Science

- Name the five basic parts of a plant.
- Write down the function of each part in one sentence.
